

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit to Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

JAMES KIRKLAND

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements in the application, a permit is hereby granted to engage in surface mining of sand & gravel in the state of Missouri. The extent of the proposed mining operation(s) will be on eight acres, more or less. The locations of the operation(s) under this permit is/are as follows: Renewal

See Attached List

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

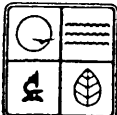
IN WITNESS WHEREOF I have hereunto set my hand this 10th day of September 2004



DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0835
Effective Date 09/10/2004
Expiration Date 03/20/2005
MO 780-1122 (6-95)

Permit Number 0835 Expiration Date – 03/20/2005**Permit Number 0835****Expiration Date – 03/20/2005**[illegible]



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

RECEIVED

SEP 2 2004

P.O. BOX 590, ST. LOUIS, MO 63106
TEL: 314-875-2016 FAX: 314-875-2017

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL JAMES KIRKLAND		DATE 2-24-04	
ADDRESS 1041 CAMERON LN	CITY MANFIELD, MO	STATE MO	ZIP CODE 65704
CONTACT PERSON MANFIELD, MO		TELEPHONE NUMBER 417-924-8494	
PAGER NO. 417-823-6968			
FEES: COMPLETE SECTION I OR SECTION II			
SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:			

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$

2. Acreage Fee \$5 X _____ number of acres bonded\$

3. Annual Permit Fee\$ 500

4. Total Fee (Add totals from 1, 2 and 3).....\$

NOTE: If Total Fee exceeds \$2,500.00 then pay only\$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee\$ 300

SIGNATURE OF APPLICANT James C. Kirkland		TITLE owner	DATE 2-24-04
Appeared before me this 25th day of February , 20 04 . JAMES KIRKLAND to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSER SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) Wright	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 25th DAY OF February YEAR 2004		
	NOTARY PUBLIC SIGNATURE Joni S. Mayfield	MY COMMISSION EXPIRES 4-16-04	USE RUBBER STAMP IN CLEAR AREA BELOW.
NOTARY PUBLIC NAME (TYPED OR PRINTED) Joni S. Mayfield		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Joni S Mayfield Notary Public - Notary Seal State of Missouri Wright County Expires April 16, 2004 </div>	
FOR DEPARTMENT USE ONLY: APPROVED BY 	DATE APPROVED 2-9-04	PERMIT NUMBER 0835	EXPIRATION DATE 3-20-05



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER # 1		PERMIT NUMBER 0835	
COMPANY NAME James C. Kirkland			
COUNTY Wright	1/4 SECTION	SECTION 31	
TOWNSHIP 29 North	RANGE 15 W	ACRES 2	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) Gasconade			
MINERAL COMMODITY SAND & GRAVEL		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) less than 5000	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Lee Adamson		
ADDRESS		
CITY MANSFIELD	STATE MO	ZIP CODE 65704
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as Above		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES

RECEIVED
FEB 22 2000

P.O. BOX 176
JEFFERSON CITY, MO 65102

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <i>James C Kirkland</i>		DATE <i>2-22-2000</i>	
ADDRESS <i>1041 CAMERON LN</i>	CITY <i>MANASSA</i>	STATE <i>MO</i>	ZIP CODE <i>65704</i>
CONTACT PERSON <i>James C Kirkland</i>		TELEPHONE NUMBER <i>(417) 924-8494</i>	
Check any that apply: <input checked="" type="checkbox"/> New Permit <input type="checkbox"/> Permit Renewal <input type="checkbox"/> Permit Amendment <input type="checkbox"/> Permit Revision <input type="checkbox"/> Permit Expansion			
SITE NAME OR NUMBER <i>#1</i>	ACRES TO BE PERMITTED		TOTAL ACRES FOR ALL SITES <i>2</i>
	INSTREAM <i>2</i>	ALL OTHER	
Fees - Complete <u>A</u> or <u>B</u> A - For sand and gravel operators mining less than 5,000 tons/year Permit Fee \$100.00 Number of new acres <i>2</i> X \$35.00/acre \$ <i>70</i> B - For <u>ALL</u> other operations Permit Fee \$350.00 Number of sites X \$40.00/site \$ Number of new acres X \$35.00/acre \$ Total fees \$ <i>170.00</i>		Bonding for all acreage EXCEPT instream - Complete <u>A</u> or <u>B</u> A - For sand and gravel operators mining less than 5,000 tons/year Number of new acres X \$500.00/acre ... \$ B - For <u>ALL</u> other open pit operations Minimum per permit \$ 8,000.00 Acreage over 8 acres X \$500.00/acre \$ Number of new acres where topsoil will be sold or discarded X \$4,500.00/acre \$ Total bonding required \$ <input type="checkbox"/> Check here if adequate bonding is already posted.	
List all other Land Reclamation Commission permits previously or currently held by applicant or by companies owned or partially controlled by applicant. If none, write "none" below.			
NAME OF COMPANY	PERMIT NUMBER	MINERAL COMMODITY	YEARS
For any of the above which have been served Cessation of Operations or Bond Forfeiture, or have unabated Notices of Violation, please give:			
PERMIT NUMBER	TYPE OF ACTION		
I certify that all statements made on this application are correct, complete, and true, to the best of my knowledge.			
SIGNATURE OF APPLICANT <i>James C Kirkland</i>		TITLE <i>OWNER</i>	DATE <i>2-22-2000</i>
Appeared before me this <i>2nd</i> day of <i>February</i> , <i>19</i> <i>2000</i> , personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Cole</i>	
SUBSCRIBED AND SWORN BEFORE ME, THIS <i>22nd</i> DAY OF <i>February</i> , <i>19</i> <i>2000</i>		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE <i>Shirley L. Grantham</i>	MY COMMISSION EXPIRES <i>2/7/2003</i>	SHIRLEY L. GRANTHAM NOTARY PUBLIC STATE OF MISSOURI COUNTY OF COLE MY COMMISSION EXPIRES: FEBRUARY 7, 2003	
NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Shirley L. Grantham</i>			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Timothy Shan</i>	DATE APPROVED <i>3-22-00</i>	PERMIT NUMBER <i>0835</i>	EXPIRATION DATE <i>3-21-01</i>



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3

(Required for in-stream sites, or as required by the Director)

RECEIVED
FEB 22 2000

MISSOURI LAND

TYPE OF PLAN
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2015

RECLAMATION COMMISSION

Company Name:

Joseph C. Kirkland

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

The AREA To be MINED is About $\frac{1}{2}$ mile of The Gasconade RIVER NEAR The North End of HYEE IN UPRIGHT IT IS BORDERED BY PASTURE LAND The BANKS ARE steep on The North side AND Sloped on The South with Good VEGATION

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

~~Will~~ I will keep at least 10 FT Buffer zone to keep The water AWAY FROM The BANKS To protect VEGATION

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.


GRAVEL REMOVAL will be RESTRICTED To The EXPOSED PORTIONS OF GRAVEL BARS. We will SHAVE The TOPS of The GRAVEL BARS NO deeper THAN The WATER Level. We will ALWAYS enter AND CROSS The Creek AT The SAME PLACE

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

GRAVEL REMOVAL WILL BE ONLY WHEN THE CREEK IS DRY ON VERY LOW SO AS TO NOT DISTURBE VEGETATION. A 10 FT BUFFER STRIP WILL BE LEFT UNDISTURBED

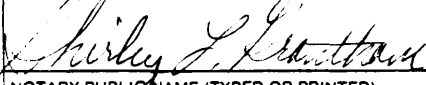
By my signature, I attest to the following:

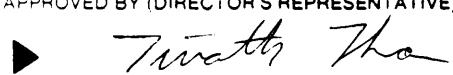
- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT 	TITLE Owner	DATE 2-22-2000
--	----------------	-------------------

Appeared before me this 22nd day of February, 19 2000.

_____ to me personally known,
who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Missouri</u>	COUNTY (OR CITY OF ST. LOUIS) <u>Cole</u>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>22nd</u> DAY OF <u>February</u> , 19 <u>2000</u>	USE RUBBER STAMP IN CLEAR AREA BELOW. SHIRLEY L. GRANTHAM NOTARY PUBLIC STATE OF MISSOURI COUNTY OF COLE MY COMMISSION EXPIRES: FEBRUARY 7, 2003
	NOTARY PUBLIC SIGNATURE  NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Shirley L. Grantham</u>	

APPROVED BY (DIRECTOR'S REPRESENTATIVE) 	TITLE LRS I	DATE APPROVED 3-22-00
---	----------------	--------------------------

Attach the following documents to the Stream Protection Plan Form:

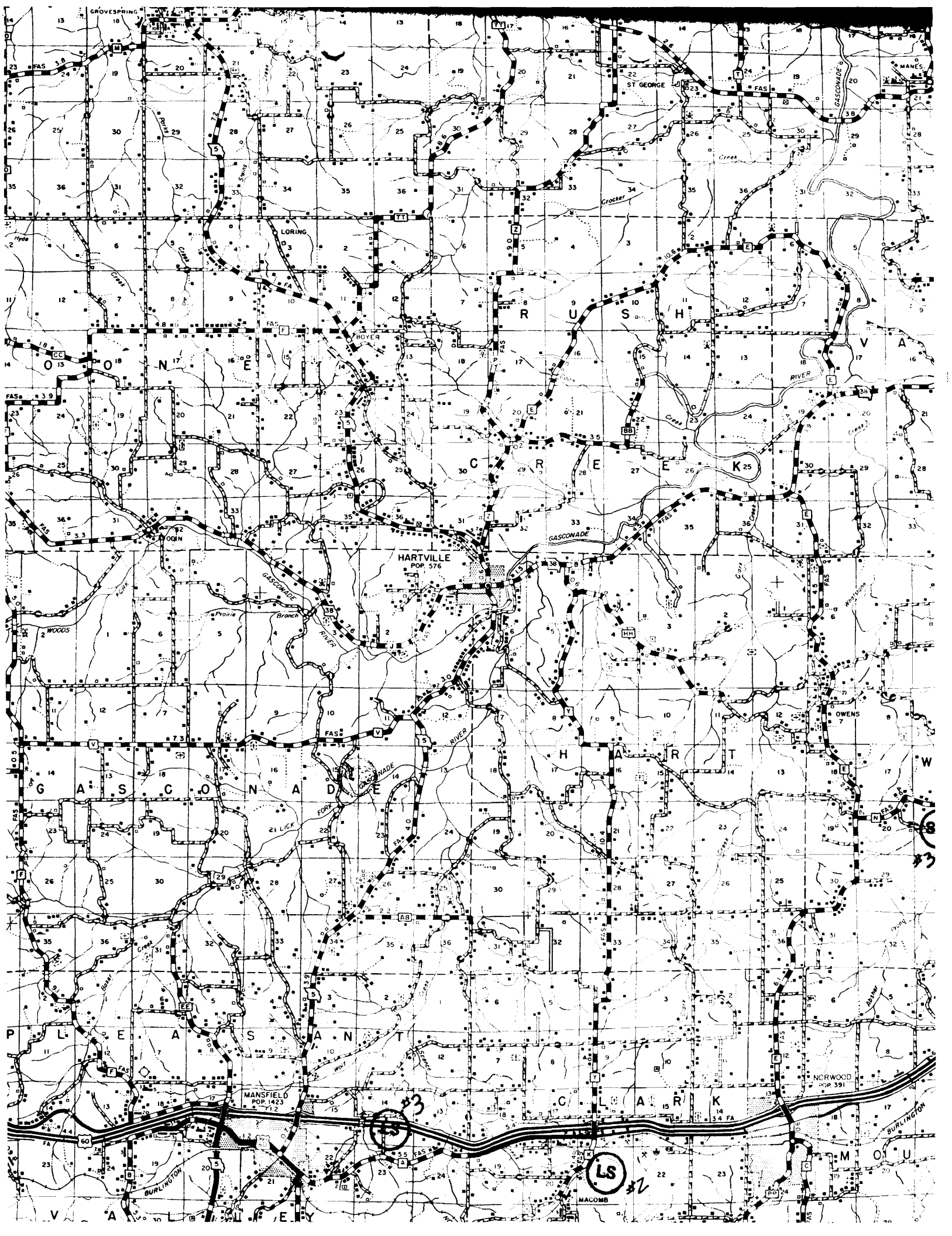
- A. Two copies of a map such that the mine can be located, and distinguished from other mines in the area.
- B. Two copies of a more detailed map, prepared on an original or clearly copied USGS 7-1/2 minute topographical map, county assessor map, A.S.C.S. aerial photo, up-to-date county plat, or a different base map with a scale of one inch to six hundred sixty feet (1" = 660') or larger.
 - 1. At minimum, the detailed map must show the following:
 - a. ownership boundaries, and names of owners of surface and subsurface rights to land within and contiguous to the permit area.
 - b. boundaries and acreage of each permitted site, and of the area to be affected over the term of the mine plan.
 - c. creeks or streams within the proposed permit area.
 - d. date of map preparation, preparer's name and title, north arrow, scale, and section, township and range lines.
 - 2. The following may be required for clarification:
 - a. abandoned surface mines.
 - b. locations of erosion and sediment control devices.
 - c. structures, and natural or cultural features to be protected.

RECEIVED
FEB 22 2000

MISSOURI LAND
RECLAMATION COMMISSION

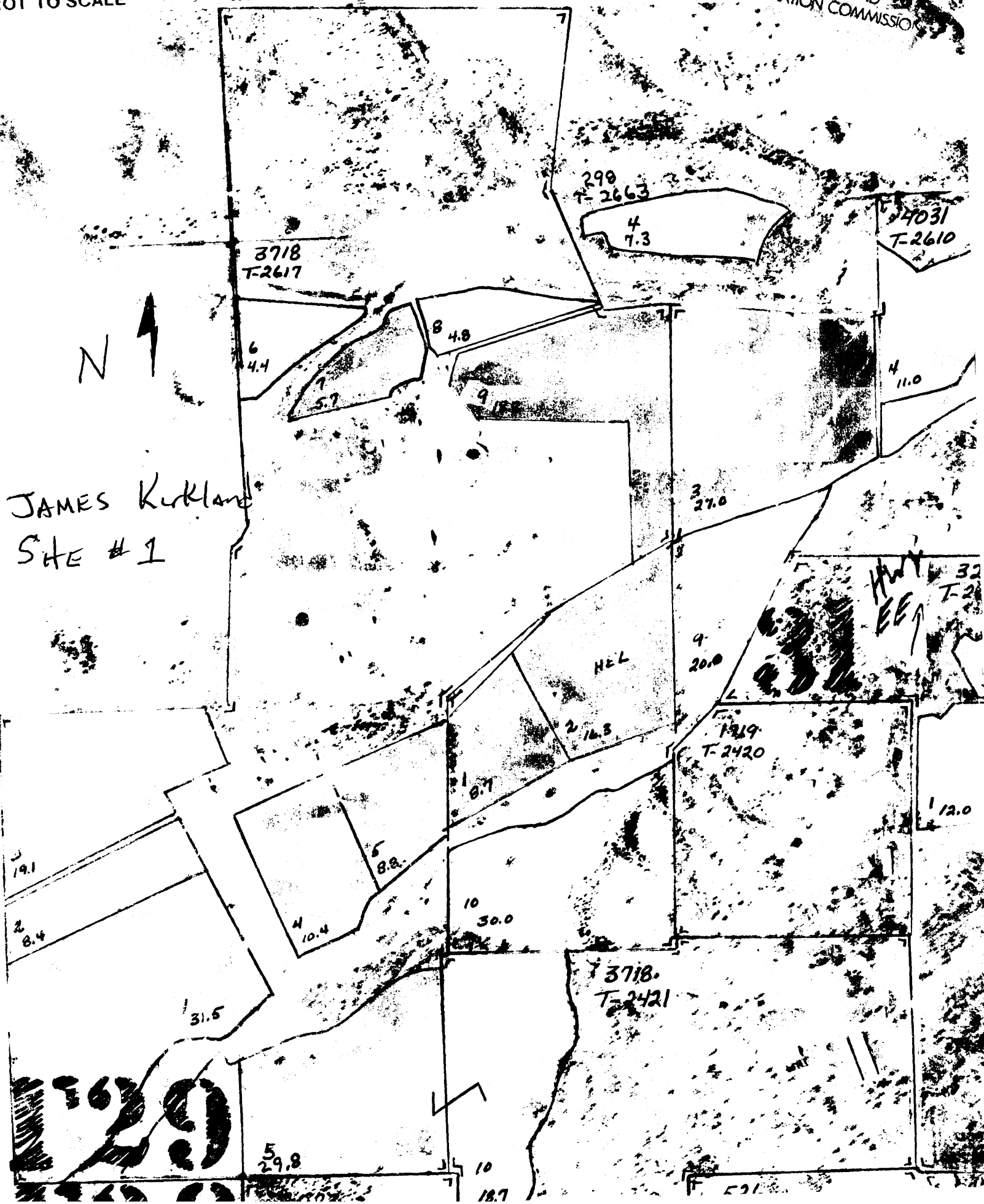
TAKE HYE NORTH OF MANSFIELD, MO. TO THE END OF
BLACK TOP KEEP GOING ON ACROSS BAKER (CREEK NEW BRIDGE)
~~THE~~ TAKE THE FIRST COUNTRY ROAD TO THE LEFT (WEST)
GO ABOUT 1/4 MILE THERE IS A GATE GOING TO THE
SITE THERE IS A LARGE DAIRY LAGOON BARN'S
AND HOUSE ACROSS THE ROAD FROM THE SITE

RECEIVED
FEB 22 2000
MISSOURI LAND
RECLAMATION COMMISSION



MISSOURI LAND RECLAMATION COMMISSION

31



RECEIVED

MAR 22 2001

MISSOURI LAND



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER #2		PERMIT NUMBER 0835	
COMPANY NAME JAMES KIRKLAND			
COUNTY WRIGHT	1/4 SECTION	SECTION 26	
TOWNSHIP 29	RANGE 16	ACRES 2 ACRES	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) GASCONADE			
MINERAL COMMODITY SAND & GRAVEL		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 3000	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) ## John Campbell		
ADDRESS RT. 2 HARTVILLE MO		
CITY HARTVILLE	STATE MO	ZIP CODE 65667
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 2-1-01
<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

RECEIVED



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

MAR 22 2001

MISSOURI LAND
RECLAMATION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER #3		PERMIT NUMBER 0835	
COMPANY NAME JAMES KIRKLAND			
COUNTY WRIGHT	1/4 SECTION	SECTION 30 31	
TOWNSHIP 30 29	RANGE 15	ACRES 1	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) BAKER CREEK			
MINERAL COMMODITY SAND AND GRAVEL		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 3000	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Tom Newton		
ADDRESS PLEASANT VALLEY ROAD		
CITY MAKSFIELD	STATE Mo	ZIP CODE 65704
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT DATE OF AGREEMENT 1-15-01

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

MAR 22 2001

MISSOURI LAND

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER #4		PERMIT NUMBER 0835	
COMPANY NAME JAMES KIRKLAND			
COUNTY WAIGHT	1/4 SECTION	SECTION 30	
TOWNSHIP 29	RANGE 15	ACRES 1	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) GASCONADE			
MINERAL COMMODITY SAND + GRAVEL		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 3000	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Tom Newton		
ADDRESS Pleasant Valley Road		
CITY MANSfield	STATE Mo	ZIP CODE 65704
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT 1-15-01
<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3
(Required for in-stream sites, or as required by the Director)

RECEIVED

MAR 22 2001

MISSOURI LAND RECLAMATION

TYPE OF PLAN
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

2015

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

3 The AREA To be MINED IS ABOUT 1/4 MILE LONG OF BAKER CREEK
ABOUT 1/4 MILE NORTH OF EFHY IN WRIGHT COUNTY, IT IS BORDERED
BY VERY STEEP HILL ON THE SOUTH SIDE AND PASTURE LAND ON THE
NORTH SIDE. THE NORTH SIDE HAS GOOD VEGETATION.

4 The AREA To be MINED IS ABOUT 3/4 MILE NORTH OF HYEE JUST PAST PLEASANT VALLEY ROAD
TO THE WEST SIDE OF THE ROAD. IT IS BORDERED BY HILL ON NORTH AND SMALL WHEAT FIELD
ON SOUTH. THIS SITE IS ON THE GASCONADE RIVER

2 The AREA To be MINED IS ABOUT 1/2 MILE OF GASCONADE RIVER ABOUT 1/2 OF A MILE
EAST OF FHY IN WRIGHT COUNTY, IT IS BORDERED BY STEEP HILL ON EAST SIDE AND LARGE
WHEAT FIELD ON WEST SIDE FOR ABOUT 1/4 MILE AND WHEAT FIELD ON BOTH SIDES ON THE NORTH
END

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

I WILL KEEP AT LEAST 10 FT BUFFER ZONE TO KEEP THE WATER AWAY
FROM THE BANKS TO PROTECT THE VEGETATION AND CROP LAND

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

THE GRAVEL WILL BE RESTRICTED TO THE EXPOSED PORTIONS
OF THE BARS. WE WILL GO NO DEEPER THAN THE WATER LEVEL.
WE WILL ALWAYS ENTER AND CROSS THE CREEKS AT THE SAME PLACE AT
ESTABLISHED CROSSINGS

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

GRAVEL will be Removed ONLY When Creek is Dry or Very low
so The VEGATION will Not Be Disturbed At least A 10FT Buffer zone
will be left undisturbed.

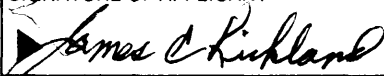
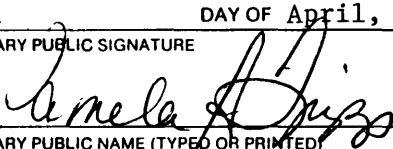
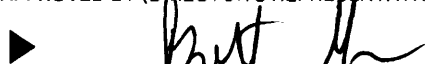
RECEIVED

MAR 22 2001

MISSOURI LAND
RECLAMATION

By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT 		TITLE <i>Owner</i>	DATE <i>2-11-01</i>
Appeared before me this <u>18th</u> day of <u>April</u> , 2001 XXXX XXXXXX			
<u>James C. Kirkland</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSER SEAL	STATE OF <u>Missouri</u>	COUNTY (OR CITY OF ST. LOUIS) County	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>18th</u> DAY OF <u>April</u> , 2001 XX		USE RUBBER STAMP IN CLEAR AREA BELOW. PAMELA A. TRIPP Notary Public - Notary Seal STATE OF MISSOURI Wright County My Commission Expires Dec. 17, 2004
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES <u>12-17-2004</u>	
NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Pamela A. Tripp</u>			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		TITLE <i>LES III</i>	DATE APPROVED <i>5-31-01</i>

Attach the following documents to the Stream Protection Plan Form:

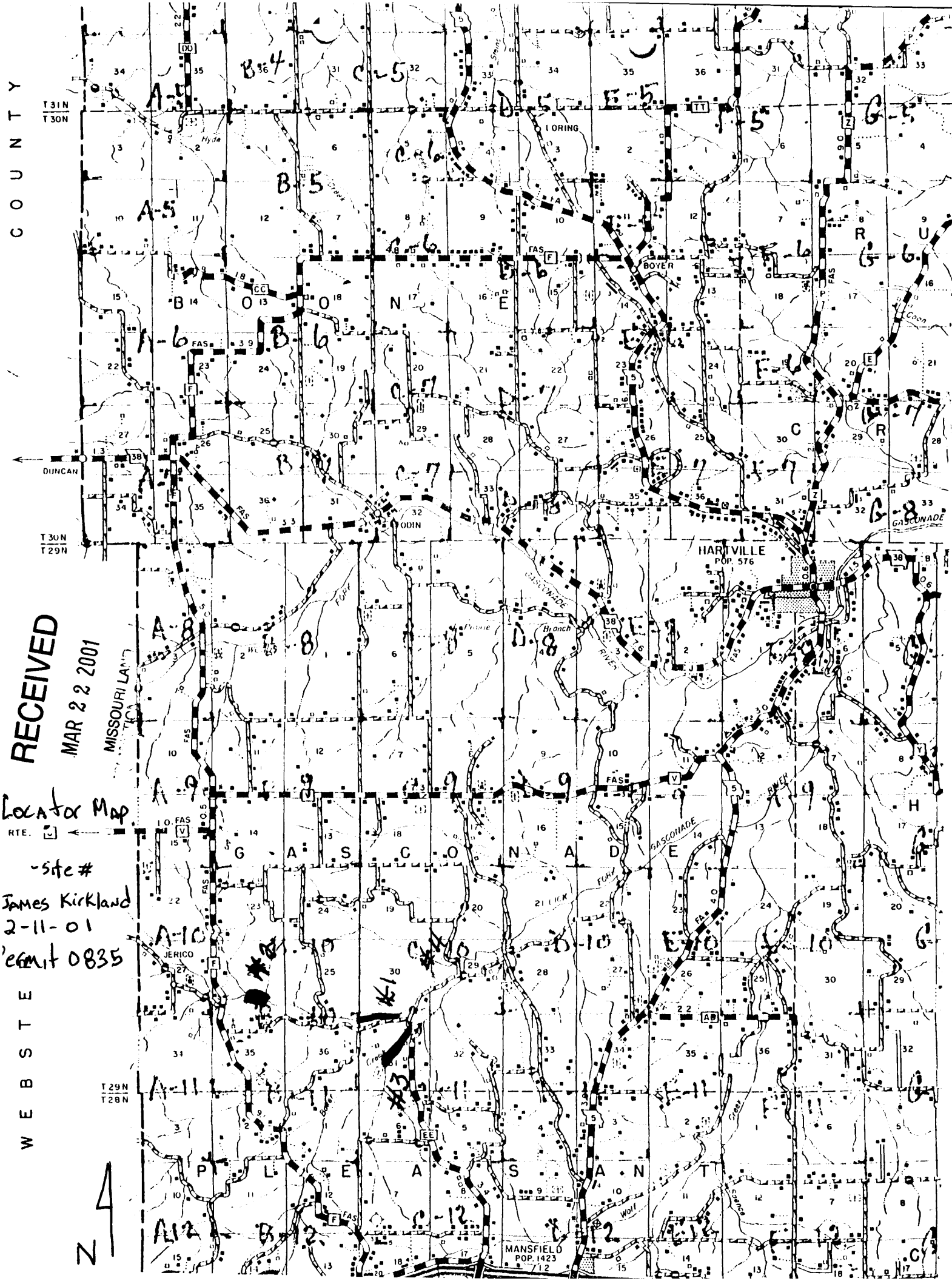
- A. Two copies of a map such that the mine can be located, and distinguished from other mines in the area.
- B. Two copies of a more detailed map, prepared on an original or clearly copied USGS 7-1/2 minute topographical map, county assessor map, A.S.C.S. aerial photo, up-to-date county plat, or a different base map with a scale of one inch to six hundred sixty feet (1" = 660') or larger.
 - 1. At minimum, the detailed map must show the following:
 - a. ownership boundaries, and names of owners of surface and subsurface rights to land within and contiguous to the permit area.
 - b. boundaries and acreage of each permitted site, and of the area to be affected over the term of the mine plan.
 - c. creeks or streams within the proposed permit area.
 - d. date of map preparation, preparer's name and title, north arrow, scale, and section, township and range lines.
 - 2. The following may be required for clarification:
 - a. abandoned surface mines.
 - b. locations of erosion and sediment control devices.
 - c. structures, and natural or cultural features to be protected.

RECEIVED

MAR 22 2001

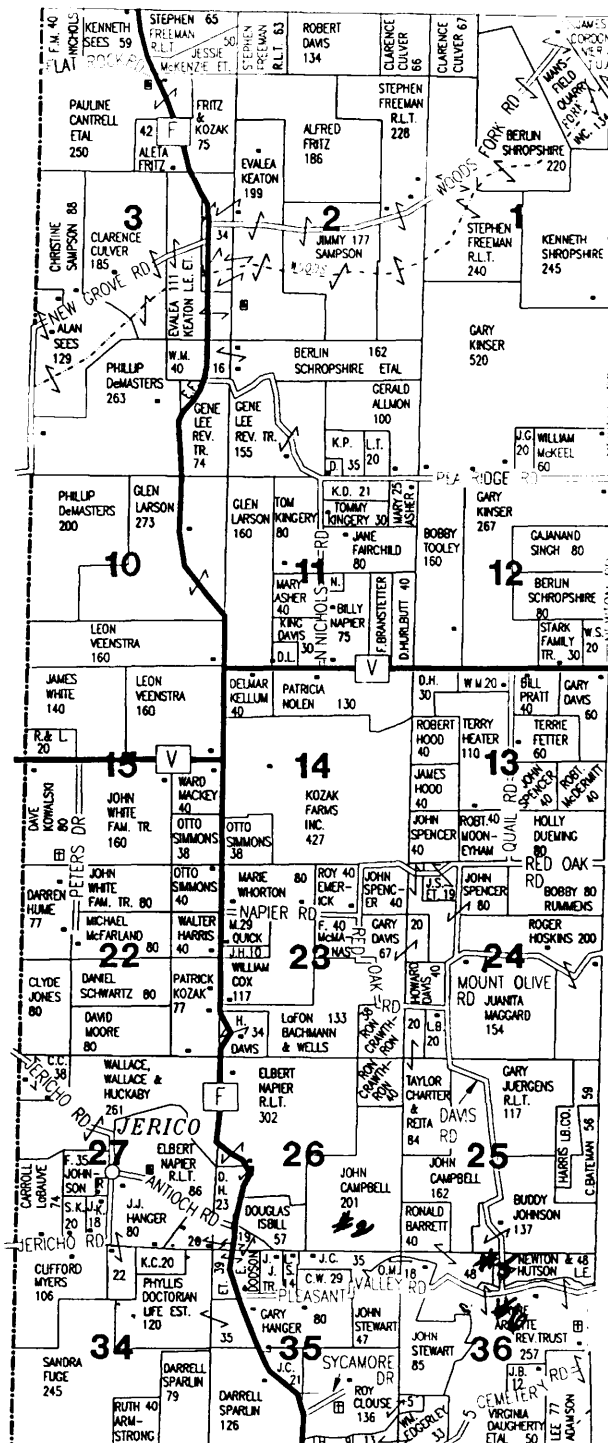
MISSOURI LAND
COMMISSION

2, 3, 4

$$N^4$$


TOWNSHIP 29N • RANGE 16W

SEE PAGES 16 & 17



WEBSTER COUNTY

SEE PAGE 22

RECEIVED
MAY 22 2001
MISSOURI LAND
RECLAMATION COMMISSION

SEE PAGE 26



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

JUN 14 2001

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER # 5		PERMIT NUMBER 0835	
COMPANY NAME JAMES KIRKLAND			
COUNTY WRIGHT	1/4 SECTION	SECTION 36	
TOWNSHIP 29	RANGE 16	ACRES 1	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) RIPPIE CREEK			
MINERAL COMMODITY SAND & GRAVEL		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 3000	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Wayne C Arnette		
ADDRESS Rr 3		
CITY MANSFIELD	STATE MO	ZIP CODE 65704
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT 5-15-01

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

RECEIVED

JUN 14 2001

To be completed for each separate area of disturbance associated with mining operations.

MISSOURI LAND
RECLAMATION COMMISSION

SITE NAME OR NUMBER

#6

PERMIT NUMBER

0835

COMPANY NAME

JAMES KIRKLAND

COUNTY

WRIGHT

1/4 SECTION

SECTION

36

TOWNSHIP

29

RANGE

16

ACRES

1

RIVER OR STREAM NAME (FOR IN-STREAM ACRES)

GASCONADE

MINERAL COMMODITY

SAND AND GRAVEL

ESTIMATED TONS/YEAR (FOR GRAVEL SITES)

3000

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE)

Wayne C. Arnette

ADDRESS

Rr 3

CITY

MANSFIELD

STATE

MO

ZIP CODE

6504

SOURCE OF RIGHT TO MINE (CHECK ONE):

☐ MINERAL DEED

☐ WARRANTY DEED

☐ OTHER (DESCRIBE):

☐ LEASE

☒ VERBAL AGREEMENT

DATE OF AGREEMENT

5-15-01

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)

ADDRESS

CITY

STATE

ZIP CODE

SOURCE OF RIGHT TO MINE (CHECK ONE):

☐ MINERAL DEED

☐ WARRANTY DEED

☐ OTHER (DESCRIBE):

☐ LEASE

☐ VERBAL AGREEMENT

DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3

(Required for in-stream sites, or as required by the Director)

RECEIVED

MAY 22 2001

TYPE OF PLAN
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

MISSOURI LAND
RECLAMATION COMMISSION

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

#6 The AREA To be Mined is chose To $\frac{1}{4}$ Mile long of Rippie Creek About 1 mile East of F HY IN WRIGHT County ON PLEASANT VALLEY South of The BRIDGE. It is BORDERED ON The west by steep Hill AND Timber ON The EAST by LARGE HAY Field WITH Timber AND BRUSH Buffer. ~~The AREA To~~

#5 The AREA To be Mined is AT The GASCONADE RIVER AND Rippie Creek ON The North side of PLEASANT VALLEY Rd. West of DAVIS Rd. It is BORDERED by ~~Timber~~ Timber ON North AND NARROW field AND BRUSH ON south PARRELL WITH PLEASANT VALLEY. It IS APROX. 600 FT up each FORK

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

I WILL Keep 10 FT Buffer Zone To Keep The Water To The Center of The Creek To protect The VEGATION ON each BANK I WILL ENTER The Creek AT The SAME place AT ALL Times

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

The GRAVEL WILL be TAKEN NO lower Than The WATER level. There WILL be NO VEGATION REMOVED To Get To GRAVEL.

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

GRAVEL WILL be TAKEN ONLY when CREEK IS DRY OR VERY LOW.
The GRAVEL will NOT be TAKEN below WATER LEVEL. The VEGATION
will NOT be disturbed. The CREEK IS VERY NARROW IN PLACES, but
I WILL leave A 10' FT buffer ZONE will be left EVERYWHERE IT IS
POSSIBLE, I WILL keep THE CENTER OF THE CREEK LOWER THAN THE
EDGES TO help TO keep THE BANKS FROM WASHING. MAY 22 2001

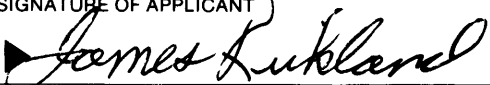
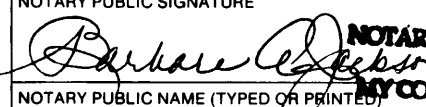

MISSOURI LAND
RECLAMATION COMMISSION

By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.

JUN 14 2001

- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT 		TITLE Owner	DATE 5-16-01
Appeared before me this 16 th day of May, 2001, to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEY SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) St. Louis	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 16 th DAY OF May, 2001		
	USE RUBBER STAMP IN CLEAR AREA BELOW.		
NOTARY PUBLIC SIGNATURE 		NOTARY PUBLIC STATE OF MISSOURI WRIGHT COUNTY MY COMMISSION EXP. MAY 14, 2004	
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		TITLE LRS III	DATE APPROVED 6/25/01

North

GASCON

100
75

100
75

MAPED by
South Central Council of Government
N HWY 63 West Plains MO ~~1988~~
Scale 1" = 400'

DATE of MAP 83
DATE of PHOTOGRAPHY 1981
James Kukler

7#

42 AC (C)

SCALE
1" = 400'

CASCADE

NORTH ↑

MAPED BY
SOUTH CENTRAL OZARK COUNCIL OF GOVERNMENTS
N HY 63 WEST PLAINS MO DATE OF MAP 1983
DATE OF PHOTOGRAPHY 1983
James C. [illegible]

4
24 AC
23 AC (C)

1.02
56.8 AC (C)

CO
ANTWERP RD

5
18 AC
19 AC (C)

35
39 AC

2
35.1 AC (C)

1
20 AC
15.5 AC (C)

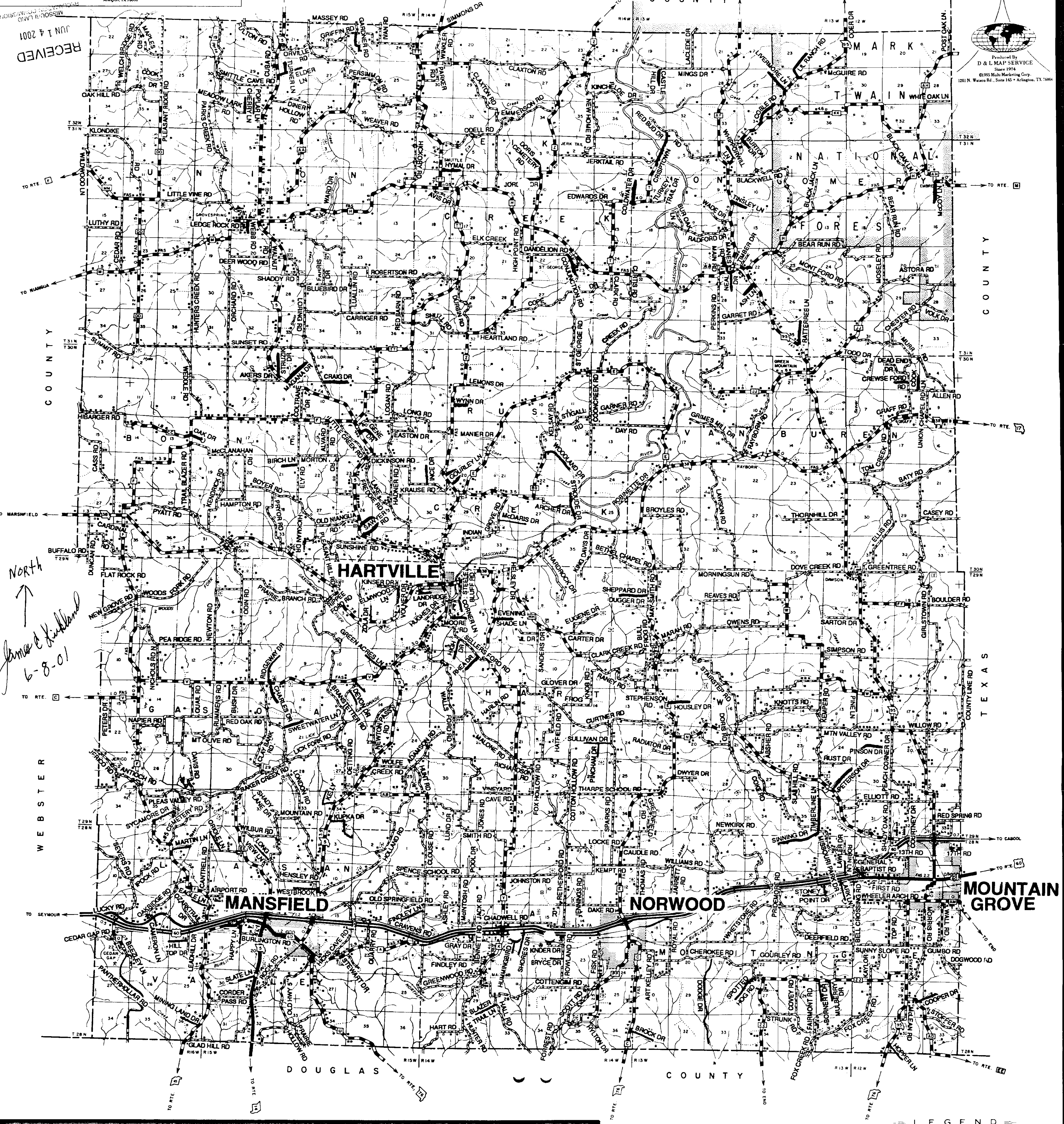
18 AC

PLEASANT VALLEY
CHURCH

W. CO. MO.

703
90.5 AC

Please note that the original maps for this publication were provided through the courtesy of State, County, & Local governments. We have endeavored to ensure that the maps are as accurate as possible. However, we cannot accept responsibility for possible inaccuracies in the original maps. We would appreciate any response regarding inaccuracies of this map as they may be corrected in future editions. Please forward your information to:
D & L Map Service
1201 N. Waco Rd., Suite 145
Arlington, TX 76008



Wright County, Missouri, is a beautiful area with many scenic views. The Mansfield area is a great place to visit. The Laura Ingalls Wilder - Rose Wilder Lane Historic Home and Museum is a must-see. The area is also known for its beautiful Ozark scenery and the many small towns and villages that make up the county.

Located in the gently rolling hills of the Ozark Mountain Plateau, Mansfield is centrally located to provide a wide variety of enjoyable activities. For the sportsman, wild game and fishing streams are abundant in the area. Boating, skiing and swimming are convenient and popular activities.

Branson, Missouri is just eighty miles south, where you can enjoy a wide variety of music shows and outdoor activities. Bass Pro Shop is located fifty miles to the west in Springfield, Missouri. Seventy-five miles east down Highway 50 is Ozark National Scenic Riverways country with its abundant clear streams.

Come take the time to roam these hills of mid-America. Enjoy the tranquility of trout streams, old mills, small villages, dairy and fruit farms, bison ranches and historic sites. Once you experience the freer, healthier, happier lifestyle of the Ozarks - you will want to return.

So, while you are in the Mansfield area, we hope you will visit the businesses that are featured on this map. These advertisers are working to make Mansfield a better place to live and work - and to visit! From May through September, be sure to stop in at the Chamber of Commerce Information Center, located in the caboose on Business Highway 60 North. Our helpful volunteers will answer your questions and provide you with brochures and information about area attractions and events.

The Laura Ingalls Wilder - Rose Wilder Lane Historic Home and Museum is located one mile east of Mansfield on Highway A. Laura wrote her world famous "Little House" book series while she and her husband, Almanzo were living on the farm they called "Rocky Ridge" near Mansfield. Her home and possessions have been preserved for future generations to view and enjoy. Call (417) 924-3626 for further information.

Butter Day is our annual spring celebration to recognize the area's heritage of being a leading dairy area. The festival includes contests, entertainment, music, and a parade. Call (417) 924-3626 for further information.

Special Events
Butter Day is our annual spring celebration to recognize the area's heritage of being a leading dairy area. The festival includes contests, entertainment, music, and a parade. Call (417) 924-3626 for further information.

Wright County, Missouri, is a beautiful area with many scenic views. The Mansfield area is a great place to visit. The Laura Ingalls Wilder - Rose Wilder Lane Historic Home and Museum is a must-see. The area is also known for its beautiful Ozark scenery and the many small towns and villages that make up the county.

The third weekend of September each year is set aside for the Wilder Days Festival. Thursday is Gospel Singing Night with gospel groups gathering on the square. Friday afternoon an authentic wagon train rolls into town, with free entertainment in the City Park on Friday night. On Saturday, arts and crafts booths surround the City Square with free entertainment from the bandstand. There are kiddie games, kiddie parade, costume and beard contests, and a big parade. For more details call: (417) 924-8152.

"Little House Memories"
In August and September, come see the delightful outdoor musical, "Little House Memories" performed by the talented little theater group, the Ozark Mountain Players. You are sure to enjoy this enchanting production that portrays the story of Laura Ingalls Wilder's life and journey to Mansfield. You won't want to miss this! For a schedule call (417) 924-8734.

Laura Ingalls Wilder Statue
Our City Square has a newly erected bronze bust of Laura Ingalls Wilder created by sculptor William J. Williams. This community project has a lovely granite base with eight bronze plaques, each containing the name of one of Laura's "Little House" books.

Member, Missouri Hospice Organization and National Hospice Organization

The Place
SUBWAY
Where Fresh is the Taste.SM
Open 7 Days A Week
926-7827
298 E. 19th St.
Mountain Grove, MO 65711

WRIGHT COUNTY
We at D & L Map Service would like to take this opportunity to thank all the advertisers on this map. They made it all possible.
For information on advertising on any upcoming edition of our city and county maps, please call:
1-800-580-6271
Again, Thank You for your patronage!

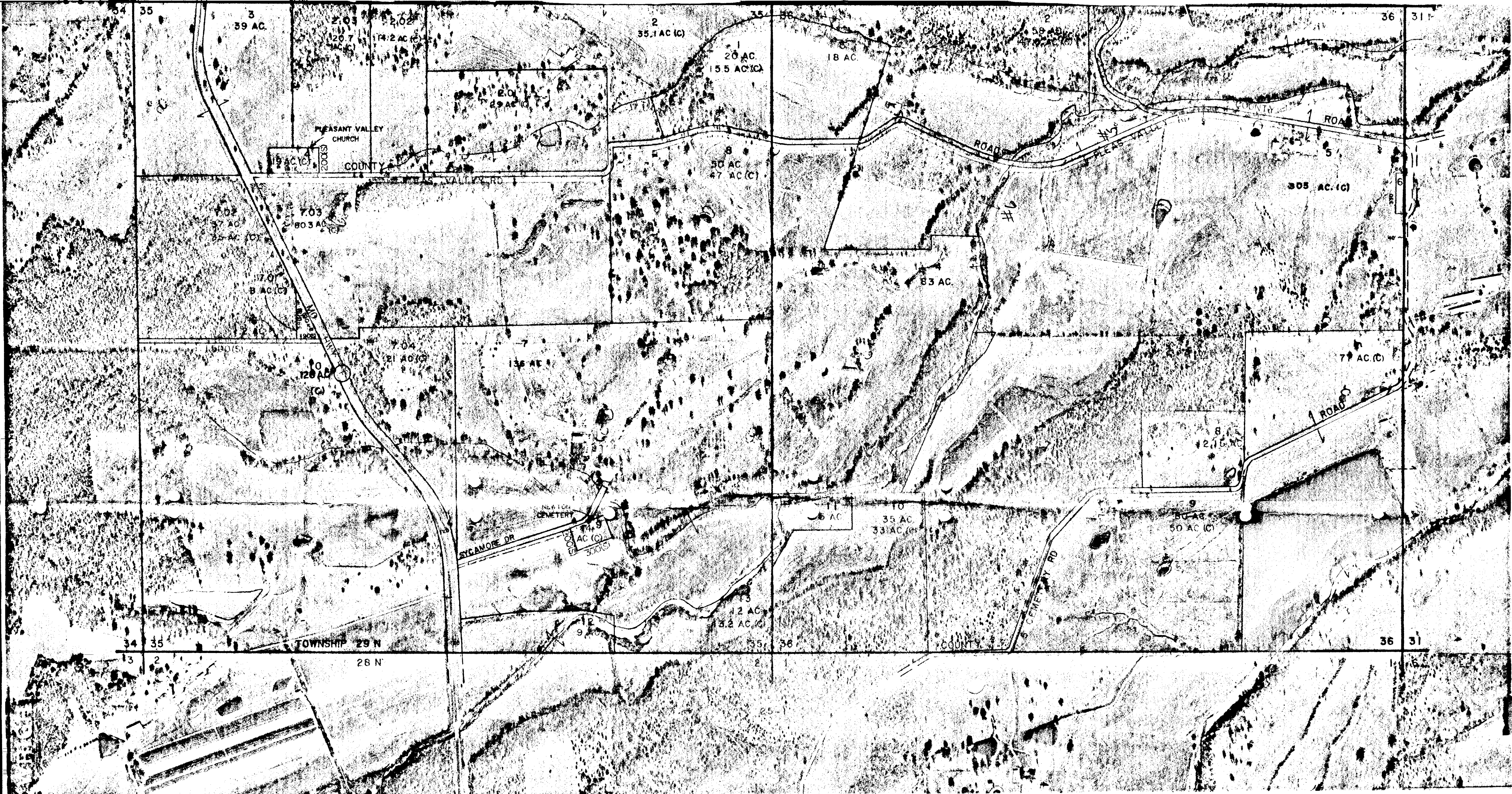
Hartline Hospice, Inc.
Serving Barry, Christian, Dade, Douglas, Greene, Howell, Lawrence, Ozark, Phelps, Polk, Pulaski, Stone, Taney, Texas, Webster & Wright Counties
Competent and Compassionate Care is not a privilege
Competent and Compassionate Care should be the absolute right of every terminally ill patient whoever he or she may be.
• Never a cost to the patient or family
• Medicare & Medicaid certified
• Care for the terminally ill with the dignity they deserve.
Springfield 886-9600 Rolla 1-800-241-3798 Mtn. Grove 926-7803

CINDY'S SWEET DEEMS FLORAL
Flowers For All Occasions
"We Just Want To Make You Happy"
Complete Wedding Service
Corsages • Funerals • Special Order
Unique Gifts • Green Plants
We Wire Flowers
741-7113 • (After Hours) 741-6272
Open Mon. - Fri. 9AM - 5PM, Sat. 9AM - 2PM
110 E. Rolla • Hartsville, MO

MILLS COUNTRY STORE
For Your Convenience
When You Run Out Run In
At The Corner Hwy F & Hwy 38
Mon-Thur 8am - 8pm Friday 8am - 8:30pm Saturday 7am - 8:30pm
Hartsville, MO.....417-741-6455

LEGEND
A detailed legend explaining the symbols used on the map, including road types, landmarks, and administrative boundaries.

SCALE
A scale bar indicating distances in miles.



OWNERSHIP MAP
WRIGHT COUNTY MISSOURI
PREPARED UNDER THE DIRECTION OF
STATE TAX COMMISSION OF MISSOURI
AND
WRIGHT COUNTY TAX ASSESSOR
PREPARED BY
South Central Ozark Council of Governments
N Hwy. 63, West Plains, Mo.

DATE	BY	CHANGES OR ADDITIONS
9/84	LS	
8/97	LS	
8/00	K.B.	
8/88	IT	
5/92	K.B.	

subdivision index			
SUBD. NO.	SUBDIVISION NAME	PLAT BOOK	PAGE

THIS PROPERTY OWNERSHIP MAP IS FOR TAX PURPOSES
ONLY. IT IS NOT INTENDED FOR CONVEYANCES

- legend**
- STATE LINE ——— AREA (FROM DEED) 105 Ac.
 - COUNTY LINE ——— AREA (CALCULATED) 10.5 Ac.
 - CORPORATION LINE ——— DIMENSION (FROM DEED) 16.5
 - DISTRICT LINE ——— DIMENSION (SCALED) 66.00
 - R/W LINES ——— SUBDIVISION LOT NUMBER 23
 - SECTION LINE ——— PARCEL NUMBER 45
 - PROPERTY LINE ——— WATER
 - ORIGINAL LOT LINE ——— INTERSTATE HIGHWAY
 - LAND HOOK ——— U.S. HIGHWAY
 - ORIGINAL BLOCK NO. 213
 - ORIGINAL S/D LIMIT 213
 - MAP BLOCK NO. "003"
 - MAP BLOCK LIMIT (WHERE APPLICABLE) "004"
 - SECTION CORNERS

township locator

R16W	R15W	R14W	R13W	R12W
05	04	03	02	01 T32N
06	07	08	09	10 T31N
15	14	13	12	11 T30N
16	17	18	19	20 T29N
25	24	23	22	21 T28N

map sheet index

6	5	4	3	2	1
03		02		01	
7	8	9	10	11	12
18	17	16	15	14	13
04		05		06	
19	20	21	22	23	24
30	29	28	27	26	25
09		08		07	
31	32	33	34	35	36

1/4 section index

2	1
3	4

section 36 township 29 range 16

map number 16-7

SCALE 1" = 400'

DATE OF MAP MAY 17, 1983

DATE OF PHOTOGRAPHY OCT. 24, 1981

AERIAL PHOTO NO. 181 83 1

JAMES Kirkland
SHE # 5 & 6
Permit 835